

SIP0 ENGLISH

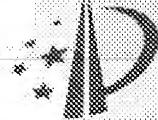


## Wood flooring element

Application Number	92258865	Application Date	1992.12.23
Publication Number	214944	Publication Date	1993.12.15
<b>Priority Information</b>			
International Classification	E04F15/04		
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Patent Agency Code	43107	Patent Agent	XIA ZONGFU WANG HUIPING

## Abstract

 Machine Translation Close



# China Patent Machine Translation (CPMT)

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Application: 92238955

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## Claim

1, wooden floor tile characterized in that the floor tile includes ground plate (1) and mounting bar (2), and ground plate (1) is monoblock lumps of wood piece or the lumps of wood piece assembled, and the one of which opposite side division has tenon (3) and tongue-and-groove (hole) (4), and its another opposite side is equipped with tongue-and-groove (hole) (5) of inlaying mounting bar (2); Mounting bar (2) cross-section is "T" shape, and its seam tent (6) is inlaid between fashioned ground plate (1), and its joint tongue (7) are stretched into in tongue-and-groove hole (5) on shaping ground plate (1).

2, the wooden floor tile according to claim 1 characterized in that ground plate (1) is equipped with superficial pattern.

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## **English Translation of Chinese Patent for Utility Model CN2149444Y**

Title of the utility model: Wood Flooring Tile

### **Abstract**

The utility model relates to a wood flooring tile which is characterized in that it comprises flooring blocks (1) and mounting bars (2). Each flooring block (1) is an entire square wood block or a square wood block which is sliced. Two opposite sides of the flooring block (1) are provided with tenons (3) and tongue-and-grooves (4), and other opposite sides are provided with tongue-and-grooves (holes) (5) in which the mounting bars (2) are inlaid. The cross section of each mounting bar (2) forms a T shape. A seam turunda (6) is inlaid between forming flooring blocks (1), and a joint tongue (7) extends to the holes (5) of the tongue-and-grooves of the forming flooring blocks (1). The utility model which has the advantages of simple structure and short construction time can be easily laid and can be used as ideal house decorative material at present.

### **Claims**

1. A wood flooring tile, characterized in that, it comprises flooring blocks (1) and mounting bars (2); each flooring block (1) is an entire square wood block or a square wood block which is sliced; two opposite sides of the flooring block (1) are provided with tenons (3) and tongue-and-grooves (4), and other opposite sides are provided with tongue-and-grooves (holes) (5) in which the mounting bars (2) are inlaid; the cross section of each mounting bar (2) forms a T shape; a seam turunda (6) is inlaid between forming flooring blocks (1), and a joint tongue (7) extends to the holes (5) of the tongue-and-grooves of the forming flooring blocks (1).
2. A wood flooring tile according to claim 1, characterized in that, the flooring blocks (1) have patterns on the surface thereof.

### **Description**

#### **Wood Flooring Tile**

The utility model pertains to a building decoration material, in particular, it relates to a wood flooring tile. As the living level increases, interior decoration becomes a fashion and high-grade decoration is more and more popular. When decorating a house, people usually lay the flooring tile such that house seem to be tidy, luxurious and easily cleanable. Since it is moisture-proof, fine and comfortable, the wood flooring enjoys popularity of the consumers and seems to take the place of the ceramic tile and water milled plate. At present, the wood flooring usually is laid, milled and painted at the construction site, such that it is difficult to lay it. Furthermore, the construction period is long and the construction environment is easily to be polluted. As a result, the wood flooring is prevented from being popularized and applied widely.

The purpose of the present utility model is to provide a wood flooring tile which is shaped in the factory such that a user could lay the wood flooring tile without professional aid.

To fulfill abovementioned purpose, the present utility model has the following technical solution: a wood flooring tile, characterized in that, it comprises flooring blocks (1) and mounting bars (2); each flooring block (1) is an entire square wood block or a square wood block which is sliced; two opposite sides of the flooring block (1) are provided with tenons (3) and tongue-and-grooves (4), and other opposite sides are provided with tongue-and-grooves (holes) (5) in which the mounting bars (2) are inlaid; the cross section of each mounting bar (2) forms a T shape; a seam turunda (6) is inlaid between forming flooring blocks (1), and a joint tongue (7) extends to the holes (5) of the tongue-and-grooves of the forming flooring blocks (1).

With the technical solution, the present utility model perfectly fulfills its purpose. The utility model which has the advantages of simple structure and short construction time can be easily laid and can be used as ideal house decorative material at present.

#### Descriptions of the figures

Fig.1 is the mounting schematic diagram of the present utility model.

Fig.2 is the structure schematic diagram (enlarged on the basis of Fig.1) of the flooring title (1) of the present utility model.

Fig.3 is the right view of Fig.2.

Fig.4 is the top view of Fig.2.

Fig.5 is the left view of Fig.6.

Fig.6 is the structure schematic diagram (enlarged on the basis of Fig.1) of the mounting bars (2) of the present utility model.

#### Embodiment

The figures illustrate an embodiment of the present utility model. As shown in the figures, the utility model comprises flooring blocks (1) and mounting bars (2). Each flooring block (1) is an entire square wood block or a square wood block which is sliced. The present utility model is a square wood block which is sliced by narrow wood blocks. Two opposite sides of the flooring block (1) are provided with tenons (3) and tongue-and-grooves (4), and other opposite sides are provided with tongue-and-grooves (holes) (5) in which the mounting bars (2) are inlaid. The cross section of each mounting bar (2) forms a T shape. A seam turunda (6) is inlaid between forming flooring blocks (1), and a joint tongue (7) extends to the holes (5) of the tongue-and-grooves of the forming flooring blocks (1). The mounting bars (2) of the present embodiment are injection molded by engineering plastics. To improve the mounting capability

of the mounting bars (2), the present utility model applies the following shaping and mounting methods:

A. Shaping: the wood is manufactured into flooring blocks (1) according to the abovementioned structure; surface treatment (such as, brushing lacquer and painting patterns, etc) is performed on the surface of the flooring blocks in line with the design; meanwhile, the mounting bars (2) are shaped.

B. Mounting: tenons (3) and tongue-and-grooves (4) of a manufactured flooring block (1) are engaged with each other according to the designed patterns; the opposite sides of one flooring block (1) is engaged with that of another flooring block (1) by mounting bars (2); cement and glue can be applied between the floor and the flooring blocks (1) to lay the flooring blocks fixedly and smoothly.



## [12]实用新型专利说明书

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[51]Int.Cl<sup>5</sup>  
E04F 15/04

[45]授权公告日 1993年12月15日

[22]申请日 92.12.23 [24]授权日 93.10.10  
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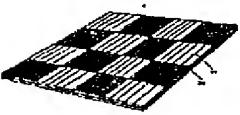
[72]设计人 郭声强

1、一种木制地板砖，其特征是地板砖包括地板块（1）和安装条（2），地板块（1）为整块方木块或拼装成的方木块，其一对边开有凸榫（3）和榫槽（孔）（4），其另一对边设有嵌安装条（2）的榫槽（孔）（5）；安装条（2）截面呈“L”形，其连接块（6）嵌装在成型的地板块（1）之间，其连接块（7）伸入成型地板块（1）的榫槽孔（5）内。

2、根据权利要求1所述的木制地板砖，其特征是地板块（1）设有表面图案。

说明书页数：3 附图页数：3

[54]实用新型名称 木制地板砖



[57]摘要 本实用新型涉及一种木制地板砖，其特征是地板砖由拼装块（1）和安装条（2），地板块（1）为整块方木块或拼装成的方木块，其一对边开有凸榫（3）和榫槽（孔）（4），其另一对边设有嵌安装条（2）的榫槽（孔）（5），安装条（2）截面呈“L”形，其连接块（7）伸入成型地板块（1）的榫槽孔（5）内。本实用新型结构简单、铺设容易、施工时间短，是目前理想的室内装饰材料。

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## 说 明 书

### 木制地板砖

本实用新型涉及一种建筑装饰材料，具体地说是一种木制地板砖。

随着人民生活水平的提高，室内装饰已成为一种时尚，并且越来越向着高档、高水平发展，现在在室内装饰中最普遍采用的是铺设地砖，这样既使室内显得整洁、豪华，又容易打扫、保持卫生。木质地板由于其防潮、美观、舒适而受到广大消费者的欢迎，呈现出极强的替代铺设瓷砖。

木质地板的生产，但是由于现有的木质地板都是采用现场铺设、现场切割、现场刷漆的安装方式，其铺设困难、施工周期长，且污染施工环境，由此而影响了木质地板的推广使用。

本实用新型的目的是要提供一种木制地板，该地板成型后出厂，用户可以自己直接安装铺设。

为了实现上述目的，本实用新型采用了如下技术方案：本实用新型包括地板块（1）和安装条（2），地板块（1）为整块方木或拼装成的方块，其一对边开有凸榫（3）和榫槽孔（4），其另一对边设有嵌安装条（2）的榫槽（5）。安装条（2）截面呈“L”形，其嵌塞条（6）相嵌在成型的地板块（1）之间，其连接榫（7）伸入成型地板块（1）的榫槽（孔）（5）内。

由于采用了上述技术方案，本实用新型完美地实现了其发明目的，其结构简单、铺设容易、施工时间短，是目前理想的室内装饰材料。

### 附图说明：

附图1是本实用新型的安装示意图

附图2是本实用新型的地板块（1）具体结构示意图（相对于附图1放大）

附图3是附图2的右视图

附图4是附图2的俯视图

附图5是附图6的左视图

附图6是本实用新型的安装条（2）的具体结构示意图（相对于附图1放大）

### 实施例：

附图描述了本实用新型的一个实施例。参见附图，本实用新型包括地板块（1）和安装条（2），地板块（1）为整块方木或拼装成的方块，本实用新型为用窄木块拼装成的正方形木块，在其一对边开有凸榫（3）和榫孔（4），其另一对边设有嵌安装条（2）的榫槽（5）和榫孔（孔）（4），其另一对边设有嵌安装条（2）的榫槽（孔）（5）。安装条（2）截面呈“L”形，其嵌塞条（6）相嵌在成型的地板块（1）之间，其连接榫（7）伸入成型地板块（1）的榫槽（孔）（5）内，本实施例的安装条（2）用工程塑料注塑成型，为了提高安装条（2）的安装性能，本实用新型的成型和安装方法如下：

- 1、成型：将木头按上述结构做成地板块（1），在其表面根据设计要求作表面处理（如涂漆作画、画图案等），同时成型好安装条（2）

## 说 明 书 附 图

即可。

B、安装：将成品地板块（1）按图案设计将凸榫（3）和榫槽（孔）（4）套合，其另一对边，两地板块（1）之间用安装条（2）连接。为了使其铺设牢固平整，在地面与地板块（1）之间可以铺设水泥和粘胶。

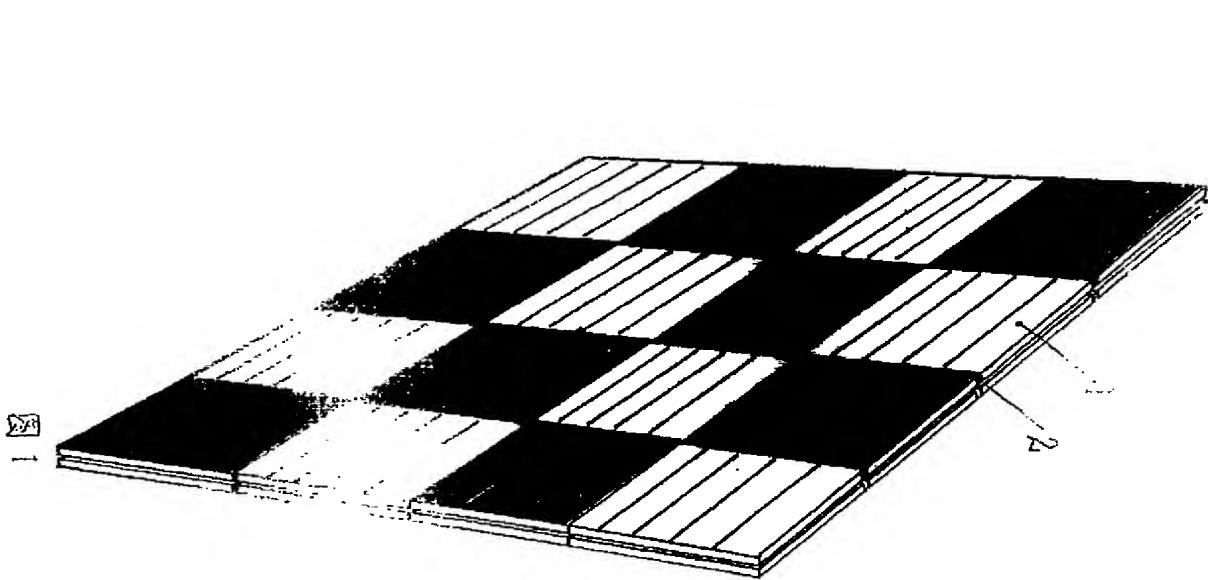
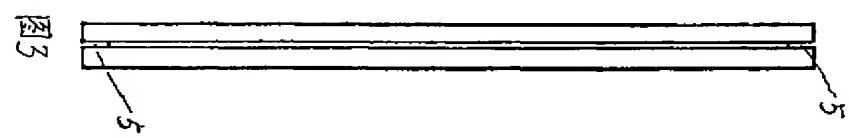
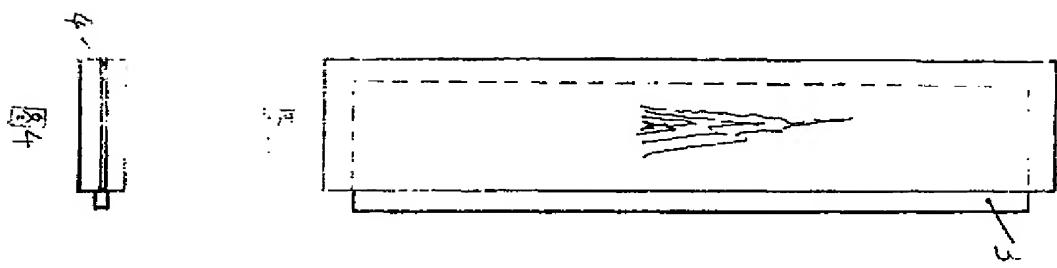
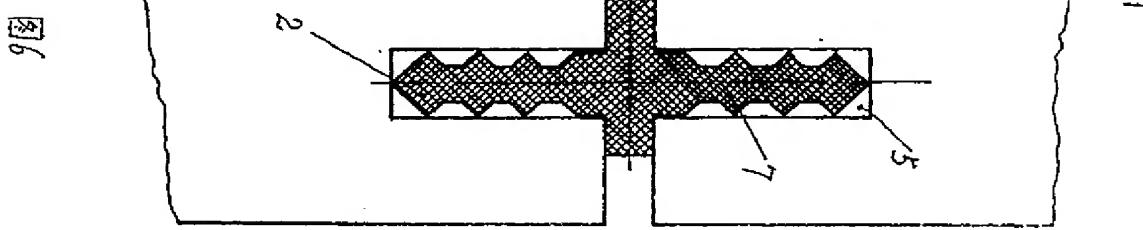
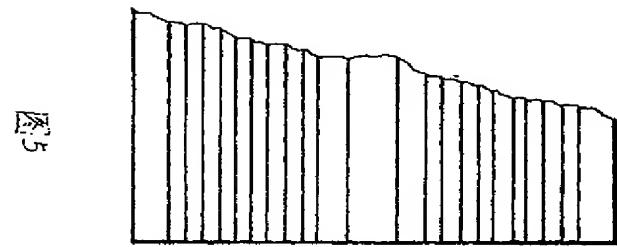


图 1



7

8





## [12]实用新型专利说明书

[21] ZL 专利号 92238955.1

[51]Int.Cl<sup>5</sup>

[45]授权公告日 1993年12月15日

E04F 15/04

[22]申请日 92.12.23 [24]頒证日 93.10.10

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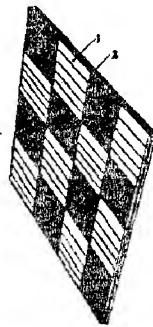
代理人 夏宗福 汪惠平

说明书页数: 3 附图页数: 3

[54]实用新型名称 木制地板砖

[57]摘要

本实用新型涉及一种木制地板砖,其特征是地板砖包括地板块(1)和安装条(2),地板块(1)为整块方木块或拼装成的方木块,其一对边开有凸榫(3)和榫槽(4),其另一对边设有嵌安装条(2)的榫槽(5),安装条(2)截面呈“L”形,其缝塞条(6)嵌在成型的地板块(1)之间,其连接棒(7)伸入成型地板块(1)的榫槽孔(5)内。本实用新型结构简单、铺设容易、施工时间短,是目前理想的室内装饰材料。



V28

(BJ)第1452号

# 权 利 要 求 书

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- 1、一种木制地板砖，其特征是地板砖包括地板块（1）和安装条（2），地板块（1）为整块方木块或拼装成的方木块，其一对边开有凸榫（3）和榫槽（孔）（4），其另一对边设有镶嵌安装条（2）的榫槽（孔）（5）；安装条（2）截面呈“L”形，其缝塞条（6）镶嵌在成型的地板块（1）之间，其连接榫（7）伸入成型地板块（1）的榫槽孔（5）内。
- 2、根据权利要求1所述的木制地板砖，其特征是地板块（1）设有表面图案。

# 说 明 书

## 木制地板砖

本实用新型涉及一种建筑装饰材料，具体地说是一种木制地板砖。随着人民生活水平的提高，室内装饰已成为一种时尚，并且越来越向着高档、高水平发展，现在在室内装饰中最普遍采用的是铺设地板砖，这样既使室内显得整洁、豪华、又容易打扫、保持卫生。木质地板由于其防潮、美观、舒适而受到广大消耗者的欢迎，呈现出欲取代铺设瓷砖、水磨板的趋势。但是由于现有木质地板都是采用现场铺设、现场刨磨、现场刷漆的安装方式，其铺设困难、施工周期长，且污染施工环境，由此而影响了木质地板的推广使用。

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附图 4 是附图 2 的俯视图

附图 5 是附图 6 的左视图

附图 6 是本实用新型的安装条（2）的具体结构示意图（相对于附图 1 放大）

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即可。

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说 明 书 附 图

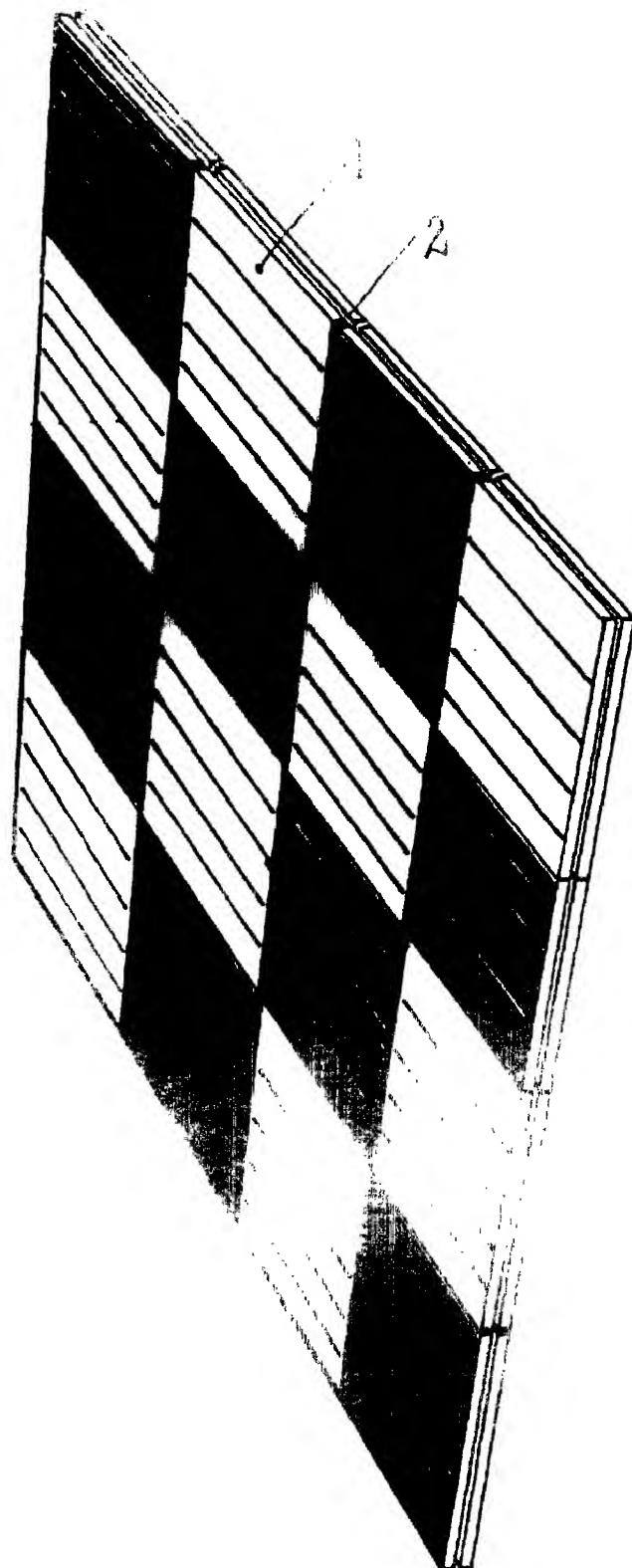


图 1

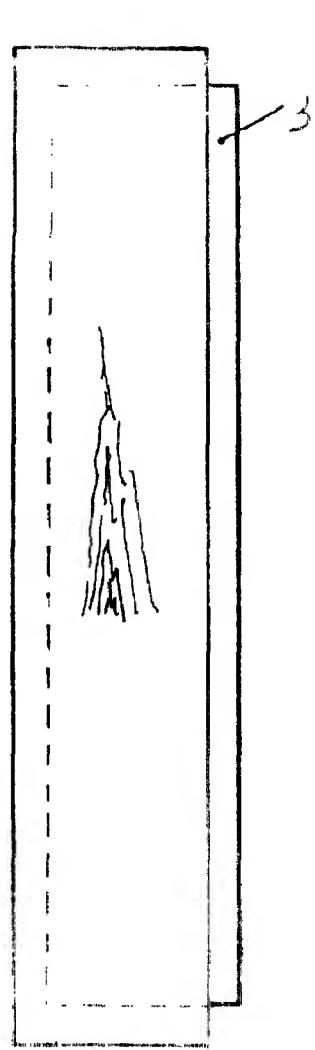


图3

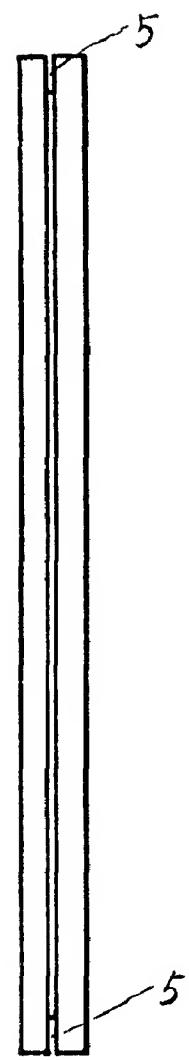


图3

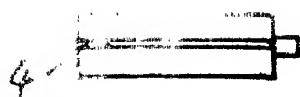


图4

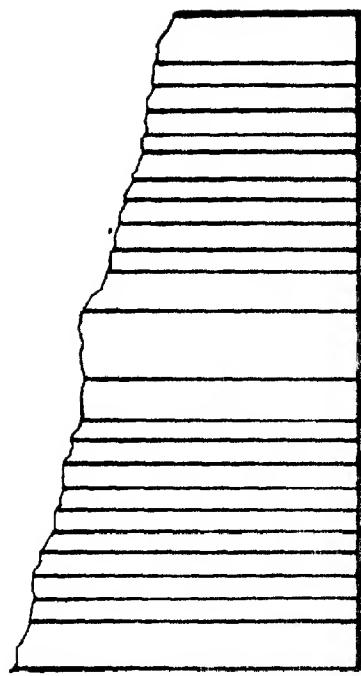


图5

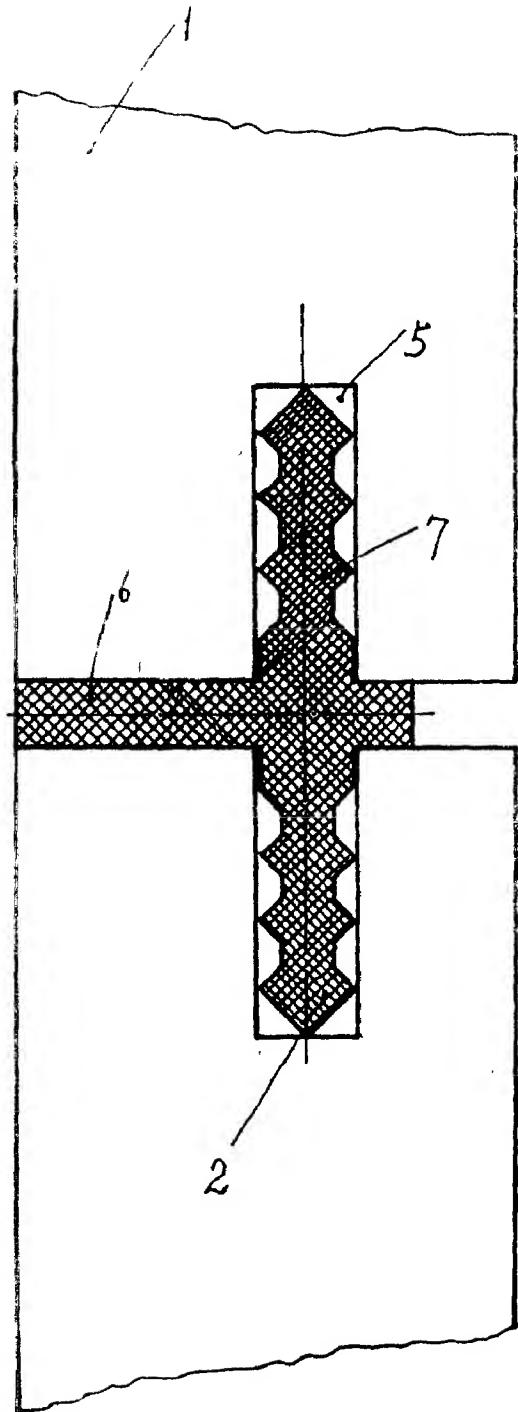


图6